

RF INTERCONNECTED HVAC SYSTEM AND SECURITY SYSTEM

ABSTRACT OF THE DISCLOSURE

An interconnected wireless RF HVAC (heating, ventilation, air conditioning) system and wireless RF security system, which are interconnected and communicate with each other through the use of a common wireless RF technology, including the same selected frequency, modulation and a set of common protocols. The RF wireless HVAC system includes wireless RF thermostats which can communicate with and control both the HVAC system and the security system, and the wireless RF security system includes wireless RF controls or keypads which can communicate with and control both the security system and the HVAC system. The universal RF infrastructure can be expanded to provide communication or control of additional user or manufacturer installed wireless RF devices or systems through the universal RF home infrastructure.